



ATTORNEY DOCKET NO. 14114.0332U2

## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

(i) APPLICANT: Chang, Gwong-Jen J

(ii) TITLE OF INVENTION: Nucleic Acid Vaccines for Prevention of Flavivirus Infection

(iii) NUMBER OF SEQUENCES: 6

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Needle & Rosenberg, P.C.

(B) STREET: 127 Peachtree St., NE., Ste. 1200, The Candler Bldg.

(C) CITY: Atlanta

(D) STATE: GA

(E) COUNTRY: USA

(F) ZIP: 30303-1811

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette

(B) COMPUTER: IBM Compatible

(C) OPERATING SYSTEM: Windows

(D) SOFTWARE: FastSEQ for Windows Version 4.0

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/701,536

(B) FILING DATE: November 29, 2000

(C) CLASSIFICATION: U.S. National Phase

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: PCT/US99/12298

(B) FILING DATE: June 3, 1999

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Miller, Mary L.

(B) REGISTRATION NUMBER: 39,303

(C) REFERENCE/DOCKET NUMBER: 14014.0332U2

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 404-688-0770

(B) TELEFAX: 404-688-9880

(C) TELEX:

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 48 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single



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(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: Other

(ix) FEATURE:

(A) NAME/KEY: Coding Sequence

(B) LOCATION: 25...48

(D) OTHER INFORMATION:

(A) NAME/KEY: Other

(B) LOCATION: 1...48

(D) OTHER INFORMATION: Amplimer 14DV389

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CTTGGTACCT CTAGAGCCGC CGCC ATG GGC AGA AAG CAA AAC AAA AGA  
Met Gly Arg Lys Gln Asn Lys Arg  
1 5

48

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 50 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: Other

(ix) FEATURE:

(A) NAME/KEY: Other

(B) LOCATION: 1...50

(D) OTHER INFORMATION: Amplimer c14DV2453

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

TTTTCTTTTG CGGCCGCTCA AACTTAAGCA TGCACATTGG TCGCTAAGAA

50

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 48 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: Other

(ix) FEATURE:

(A) NAME/KEY: Coding Sequence

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(B) LOCATION: 25...48  
(D) OTHER INFORMATION:

(A) NAME/KEY: Other  
(B) LOCATION: 1...48  
(D) OTHER INFORMATION: Amplimer YFDV389

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

CTTGGTACCT CTAGAGCCGC CGCC ATG CGT TCC CAT GAT GTT CTG ACT  
Met Arg Ser His Asp Val Leu Thr  
1 5

48

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 41 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: Other  
(ix) FEATURE:  
(A) NAME/KEY: Other  
(B) LOCATION: 1...41  
(D) OTHER INFORMATION: Amplimer cYFDV2452

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

TTTTCTTTTG CGGCCGCTCA CGCCCCAACT CCTAGAGAAA C

41

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 54 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: Other  
(ix) FEATURE:  
(A) NAME/KEY: Coding Sequence  
(B) LOCATION: 25...54  
(D) OTHER INFORMATION:

(A) NAME/KEY: Other



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(B) LOCATION: 1...54  
(D) OTHER INFORMATION: Amplimer SLEDV410

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

CTTGGTACCT CTAGAGCCGC CGCC ATG TCT AAA AAA AGA GGA GGG ACC AGA  
Met Ser Lys Lys Arg Gly Gly Thr Arg  
1 5

51

TCG 54  
Ser  
10

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:  
(A) LENGTH: 38 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: Other  
(ix) FEATURE:  
(A) NAME/KEY: Other  
(B) LOCATION: 1...38  
(D) OTHER INFORMATION: Amplimer cSLEDV2449

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

TTTTCTTTTG CGGCCGCTTA GGCTTGCACG CTGGTTGC

38